

Patent Claims

3. The CT device with a detector system (5) as claimed in claim 1 or 2, in which missing measured values from the region (II, II') with a reduced number of associated electronic elements (13) can be determined by interpolation of the measured values obtained from this region (II, II') and/or extrapolation of the measured values from the region (I) with an increased number of associated electronic elements (13).

4. The CT device with a detector system (5) as claimed in one or more of claims 1 to 3, in which a mounting device for the object (1) to be examined and the radiation source (2) can be adjusted relative to each other in the direction of the system axis (9), and the measured values obtained are
5 associated with a z-position on the system axis (9).

5. The CT device with a detector system (5) as claimed in one or more of claims 1 to 4, in which charges produced in the detector elements (8) by absorption of radiation are supplied to electronic elements (13) to be read and amplified.

10 6. The CT device with a detector system (5) as claimed in one or more of claims 1 to 5, in which, at least in two detector lines (6), the length of the detector elements (8) is different in the direction of the system axis (9).

Add
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